

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Gary D. Reeder, et al.

Group Art Unit: 1723

Examiner: Not yet assigned

For: **MEMBRANE APPARATUS WITH  
ENHANCED MASS TRANSFER,  
HEAT TRANSFER AND PUMPING  
CAPABILITIES VIA ACTIVE MIXING**

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a



Utility Patent



Design Patent

is sought on the invention, whose title appears above, the specification of which:



is attached hereto.



was filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_



said application having been amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information

known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
<u>08/837,048</u>	<u>04/11/97</u>	<u>Pending</u>
_____	_____	_____
_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

**Serial Number**

**Date Filed**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Michael J. Bonella

Reg. No. 41,628


John W. Caldwell

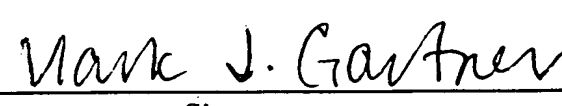
Reg. No. 28,937

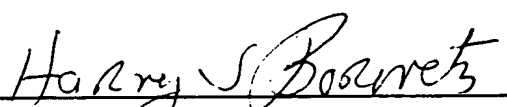
Address all telephone calls and correspondence to:


Michael J. Bonella  
**WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP**  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone No.: (215) 568-3100  
Facsimile No.: (215) 568-3439

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Name:</b> Gary D. Reeder	 Signature  Date of Signature: <u>12/19/98</u>  Citizenship: <u>USA</u>
<b>Mailing Address:</b> 4650 Siloam Road Beulah, Colorado 81023	
<b>City/State of Actual Residence:</b> Beulah, Colorado 81023	

<b>Name:</b> Mark J. Gartner	 Signature  Date of Signature: <u>12/16/98</u>  Citizenship: <u>USA</u>
<b>Mailing Address:</b> 127 Oakhaven Drive Wexford, Pennsylvania 15090	
<b>City/State of Actual Resident</b> Wexford, Pennsylvania 15090	

<b>Name:</b> Harvey S. Borovetz	 Signature  Date of Signature: <u>12/14/98</u>  Citizenship: <u>USA</u>
<b>Mailing Address:</b> 1194 Driftwood Drive Pittsburgh, Pennsylvania 15243	
<b>City/State of Actual Residence:</b> Pittsburgh, Pennsylvania 15243	

<b>Name:</b> Philip Litwak	 Signature Date of Signature: 12/17/98 Citizenship: USA
<b>Mailing Address:</b> 100 Denniston Avenue, #7 Pittsburgh, Pennsylvania 15206	
<b>City/State of Actual Residence:</b> Pittsburgh, Pennsylvania 15206	

<b>Name:</b>	Signature Date of Signature: _____ Citizenship: _____
<b>Mailing Address:</b>	
<b>City/State of Actual Residence:</b>	

<b>Name:</b>	Signature Date of Signature: _____ Citizenship: _____
<b>Mailing Address:</b>	
<b>City/State of Actual Residence:</b>	

**DOCKET NO.: UOPM-0188**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In Re Application of:**

**Gary D. Reeder et al.**

**Confirmation No.: Not yet assigned**

**Application No.: Not yet assigned**

**Group Art Unit: Not yet assigned**

**Filing Date: Herewith**

**Examiner: Not Yet Assigned**

**For: Membrane Apparatus With Enhanced Mass Transfer, Heat Transfer And  
Pumping Capabilities Via Active Mixing**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**ASSOCIATE POWER OF ATTORNEY**

The undersigned, of the firm WOODCOCK WASHBURN LLP, One Liberty Place -  
46th Floor, Philadelphia, Pennsylvania 19103, Attorney(s) and/or Agents for Applicant(s),  
hereby appoints the following:



23377


his/her associates with full power to prosecute the above-identified application and to transact  
all business in the Patent Office connected therewith and requests that correspondence  
continue to be directed to the firm of WOODCOCK WASHBURN LLP at the above address.

**DOCKET NO.:**

- 2 -

**PATENT**

Date: April 19, 2004

  
\_\_\_\_\_  
Michael J. Bonella  
Registration No. 41,627

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

© 2004 WW